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PATENT  
ATTORNEY DOCKET NO.: CIT1390-1

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Hiroaki Shizuya      Art Unit: 1636  
Application No.: 09/896,509      Examiner: M. Marvich  
Filed: June 28, 2001      Confirmation No.: 8122  
Title: METHODS FOR IDENTIFYING AN ESSENTIAL GENE IN A  
PROKARYOTIC MICROORGANISM

Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**TRANSMITTAL SHEET**

Transmitted herewith for the above-identified application please find:

1. Amendment in Response to the Final Office Action; (16 pages);
2. Return Receipt Postcard.

CERTIFICATION UNDER 37 CFR §1.8	
I hereby certify that the documents referred to as enclosed herein are being deposited with the United States Postal Service with sufficient postage as first class mail on this date, May 4, 2005, in an envelope addressed to: <b>Mail Stop AF</b> , Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.	
<u>Stephanie Sharrett</u> (Name of Person Mailing Paper)	
<u>Stephanie Sharrett</u> (Signature)	May 4, 2005 (Date)


In the Application of:  
Hiroaki Shizuya.  
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Page 2

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Attorney Docket No. CIT1390-1

Applicants do not believe any fees are due in connection with this submission, however if any fees are due, the Commissioner is hereby authorized to charge any other fees associated with the filing submitted herewith, or credit any overpayments to Deposit Account No. 07-1896. A duplicate copy of this sheet is enclosed.

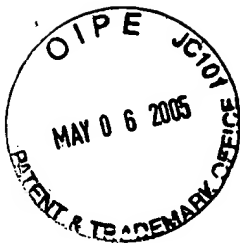
Respectfully submitted,

Date: May 4, 2005



Michael T. Rosato  
Registration No.: 52,182  
Telephone: (858) 638-6663  
Facsimile: (858) 677-1465

**USPTO CUSTOMER NUMBER 28213**  
DLA PIPER RUDNICK GRAY CARY US LLP  
4365 Executive Drive, Suite 1100  
San Diego, California 92121-2133



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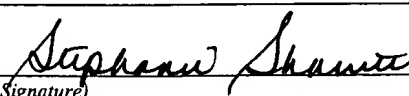
**AMENDMENT IN RESPONSE TO THE FINAL OFFICE ACTION**

Sir:

In response to the Office communication mailed February 8, 2005, entry of the amendments and reconsideration of the application in view of the amendments and following remarks are respectfully requested.

**Amendments to the Claims** are reflected in the listing of claims, which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 12 of this paper.

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Stephanie Sharrett (Name of Person Mailing Paper)	
 (Signature)	5/04/05 (Date)